Mindluster Platform

About the course Neural Networks and Deep

Deep Learning is associated with the transformation and extraction of features that attempt to establish a relationship between stimuli and associated neural responses present in the brain, whereas Neural Networks use neurons to transmit data in the form of input to get output with the help of the various connections .

Programming Category's Courses

Course Lesson(31)

Lesson 1 : **Lecture 1 Introduction to Neural Networks | Deep Learning and Neural Networks**

Lesson 2 : **Lecture 2 Supervised Learning | Deep Learning and Neural Networks**

Lesson 3 : **Lecture 3 Why is Deep Learning getting Popular | Deep Learning and Neural Networks**

Lesson 4 : **Lecture 4 Binary Classification | Deep Learning and Neural Networks**

Lesson 5 : **Lecture 5 Logistic Regression | Deep Learning and Neural Networks**

Lesson 6 : **Lecture 6 Logistic Regression Cost Function | Deep Learning and Neural Networks**

Lesson 7 : **Lecture 7 Gradient Descent | Deep Learning and Neural Networks**

Lesson 8 : **Lecture 8 Derivatives Part 1 | Derivative from First Principle**

Lesson 9 : **Lecture 9 Derivatives Part 2 | Derivative of x2 sinx cosx ln x polynomials | Power rule**

Lesson 10 : **Lecture 10 Derivatives Part 3 | Sum Rule**

Lesson 11 : **Lecture 11 Derivatives Part 4 | Derivative of e x Exponential Function**

Lesson 12 : **Lecture 12 Derivatives Part 5 | Product Rule of Differentiation**

Lesson 13 : **Lecture 13 Derivatives Part 6 | Quotient Rule of Differentiation**

Lesson 14 : **Lecture 14 Computation Graph | Deep Learning**

Lesson 15 : **Lecture 15 Derivatives with Computation Graph | Backpropagation | Deep Learning**

Lesson 16 : **Lecture 16 Logistic Regression Gradient Descent | Deep Learning**

Lesson 17 : **Lecture 17 Gradient Descent on m Examples | Deep Learning**

Lesson 18 : **Lecture 18 Vectorization | Deep Learning**

Lesson 19 : **Lecture 19 Vectorization examples using NumPy | Deep Learning**

Lesson 20 : **Lecture 20 Vectorizing Logistic Regression Forward Propagation | Deep Learning**

Lesson 21 : **Lecture 21 Vectorizing Logistic Regression Backpropagation | Deep Learning**

Lesson 22 : **Lecture 22 NumPy Overview | Deep Learning**

Lesson 23 : **Lecture 23 NumPy Creating Arrays | Deep Learning**

Lesson 24 : **Lecture 24 NumPy linspace zeros ones | Deep Learning**

Lesson 25 : **Lecture 25 NumPy Indexing Arrays | Deep Learning**

Lesson 26 : **Lecture 26 NumPy Slicing NumPy Arrays | Deep Learning**

Lesson 27 : **Lecture 27 NumPy Broadcasting NumPy Arrays | Deep Learning | NumPy Broadcasting |**

Lesson 28 : **Lecture 28 One hidden layer Neural Network | Deep Learning**

Lesson 29 : **Lecture 29 Neural Network Representation | Deep Learning**

Lesson 30 : **Lecture 30 Neural Network Computation | Deep Learning**

Lesson 31 : **Lecture 32 Activation Functions Neural Networks | Deep Learning**

Related courses

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